

# 2012 Michigan HIT Dashboard

Milestones or Measures depending on program type

Date: November 15, 2012

<a href="#">Michigan Health Information Network (MiHIN)</a>		Last Updated 11/15/2012 - monthly
Milestone	Status	Notes
Governance	Green	The MiHIN Operations Advisory Committee (MOAC) continues to meet, the governance workgroup has taken up the recommendations for the addition for new QO's.
Technology and Implementation	Green	MiHIN Public health reporting fully operational since May 2012, MiHIN DIRECT HISP fully operational, ADT pilots in testing, and HPD pilots about to commence
Integration with State of Michigan HIE (SOMHIE)	Green	MiHIN in everyday production with MDCH Data Hub
Connect Sub-State HIEs to MiHIN Shared Services	Green	MHC and UPHIE are now both live, VPNs in place and initial operational capability for GLHIE, Ingenium (My1HIE), and JCMR
Follow up MU Reporting for public health in production using the Michigan HIE model in full production.	Green	MHC & UPHIE live, DIRECT to MCIR gateway service functional, but not in production
Statewide HIE Available to Every MI Provider	Green	UPHIE is live so the UP has full coverage now, MHC completed expansion for NE Lower michigan, and the other sub-state HIEs are in the final completion of milestones. SEMHIE Completed Milestone 3 with SSA & NwHIN MiHIN DIRECT in pilot with State-wide potential as a gap filler.
Planning for Second Phase of Technology	Green	Planning underway for role out of HPD, planning & staging of LOINC/SNOMED shared service, MiHIN MEA and SOA platform operation.
Financial Sustainability Identified & Implemented	Green	Version 2.0 of the MiHIN business plan targeted for Feb 2013 release

<a href="#">State of Michigan (SOM) HIE</a>		Last Updated 10/18/2012-No November Update			Notes	Trend
Measure	Previous	Current	Goal	Status		
# of Eligible Professionals meeting MU for Public Health	3230	5287	5000	Green	Includes Immunization and Syndromic Surveillance: Working on new goals	<a href="#">Chart</a>
# of Eligible Hospitals meeting MU for Public Health	85	85	100	Green	Includes Immunization and Syndromic Surveillance. Denominator: approximately 174: Working on new goals	<a href="#">Chart</a>
Data sharing through a connection with MiHIN Shared Services		15883		Green	MiHIN Production Metrics with Public Health available now.	<a href="#">Chart</a>

<a href="#">Sub-State HIEs</a>		Last Updated 10/18/12 (3rd Qtr 2012) - quarterly			Notes	Trend
Measure	Previous	Current	Goal	Status		
# of MI providers utilizing sub-state HIEs services	5918	6277	10000	Green	Measures 6 sub-state HIEs operating in MI: Working on new goals	<a href="#">Chart</a>
# of reference and hospital laboratories connected (providing data) to a sub-state HIE	53	55	60	Green	Measures 6 sub-state HIEs operating in MI: Working on new goals	<a href="#">Chart</a>
# of providers meeting HIE specific MU criteria by utilizing sub-state HIE capabilities.	2479	2629	4832	Green	Structured Lab Results: 1117 CCDs: 1512	<a href="#">Chart</a>
# of hospitals/health systems meeting HIE specific MU by utilizing sub-state HIE capabilities:	59	61	60	Green	Structured Lab Results: 48 CCDs: 13	<a href="#">Chart</a>

<b>Medicaid EHR Incentive Program</b>						
Updated 11/15/2012 - monthly						
Measure	Previous	Current	Goal	Status	Notes	Trend
# of Eligible Professionals receiving Medicaid Incentives	1,569	1,637	4,787	Green	Goal has been updated	 <a href="#">Chart</a>
# of Eligible Hospitals receiving Medicaid Incentives	77	80	130	Green	Goal remains unchanged	 <a href="#">Chart</a>
Amount of Federal Medicaid Incentive Funding Expended	\$92,035,789	\$101,788,311	\$250 million	Green	Goal has been updated	 <a href="#">Chart</a>
<b>Michigan Center for Effective IT Adoption (M-CEITA)</b>						
Updated 11/15/2012 - monthly						
Measure	Previous	Current	Goal	Status	Notes	Trend
# of Providers Signed Up to Use M-CEITA Services	4,242	4,258	3,724	Green	M-CEITA has exceeded our goal to reach 3,724 providers by 12.31.2011. This represents full enrollment for M-CEITA subsidized services	 <a href="#">Chart</a>
# of Providers Go-Live on EHRs	2,601	2,730	3,724	Green	M-CEITA exceeded our previous goal to reach 1,700 M2s by 12.31.2011. New goal reflects the total goal for end of program in 2014.	 <a href="#">Chart</a>
# of Providers Reaching Meaningful Use	732	818	1,676	Yellow	Working with ONC, M-CEITA has set a goal of 45% to M3 by 12/31/2012.	 <a href="#">Chart</a>

<b>Beacon Community Collaborative</b>		Updated 11/15/2012 - monthly				
<b>Milestone</b>		<b>Status</b>	<b>Notes</b>		<b>Trend</b>	
Clinical Transformation		Green	Activities include: 44 practice sites (36 min required), 121 PCPs, 22,590 diabetic patients (4000 min required), 181,141 total patients affiliated with Beacon practices for CT intervention engaged to date. Patient health navigators for patient engagement (over 2,100 patients referred to date). ED intervention launched at three hospitals; over 9,000 patients tested for A1C levels, 30% pre-diabetic and diabetic. Fourth hospital ED intervention planned by end of Q4. Beacon User Group planned for Dec. Intervention practices are working to provide quarterly data on high impact diabetes measures. Interim results suggest at least 4% improvement (goal is 5% before end of 1 year measurement period) across the high impact measures for the first quarter of the measurement period.		↑	
Information Technology and Exchange		yellow	Activities include: HIE architecture implementation work for eMPI, CDR and Portal has been completed. Data are flowing into the eMPI and CDR, and has been moved into production. In the process of amending the HIE vendor's scopes regarding EHR integration and integration with other entities. EHR Bi-Directional Integration by year's end. eCW eHub integration development is nearly completed and SuccessEHS development is in planning stages. Currently have 12 executed HIE Participation Agreements, including one health system and affiliates, 23 additional practice sites/71 physicians, all FQHCs in Wayne County; Privacy and Security finalized Policies & Procedures. Finalizing contracts and having earnest discussions with multiple additional EHR vendors.		→	
Evaluation & Measurement		Green	Activities include: reporting health system, payer and provider submitted data quarterly, analyzing provider and patient surveys, developing supplemental provider qualitative evaluation tools.		↑	
Communications & Outreach		Green	1) Developing a public-facing website and collateral materials to support BeaconLink2Health 2) Ongoing support for txt4health: partner-supported marketing activities, community outreach, and visibility at targeted events. (1,800 enrollments toward 3,000-5,000 program end goal) 3) Communications development activities to support the newly-launched ED initiative; video and press release are complete.		↑	
Scalability, Sustainability and Research		Green	Activities include: background research and preparation of sustainability and business plan. Executive Board to serve as committee of the whole for review and approval. Targeted completion of plan before year end. Continuing to identify and pursue funding opportunities.		↑	
<b>Midwest Community College HIT Consortium</b>		Updated 11/15/2012- monthly				
<b>Measure</b>	<b>Previous</b>	<b>Current</b>	<b>Goal</b>	<b>Status</b>	<b>Notes</b>	<b>Trend</b>
Lansing Community College students enrolled	235	242	200	Green	158 have completed the program (goal is 200), 50 are currently being trained.	↑
Lansing Community College students placed in related jobs or current job expanded	11	13		Green	Voluntary reporting from students of new positions in Health IT gained after training completion.	

Macomb Community College students enrolled	370	453	300	Green	Students enrolled are total students for the program to date. 304 graduates.	↑
Macomb Community College students placed in related jobs or current job expanded	72	82		Green	Voluntary reporting from students	
Delta College students enrolled	275	242	300	Green	Students enrolled are total students for the program to date. 98 graduates. Revised completion goal - 188 No update for November	↑
Delta College students placed in related jobs or current job expanded	4	4		Green	Voluntary reporting from students	
Wayne Community College students enrolled	333	333	300	Green	156 Successfully Completed the program. Revised Completion Goal - 167 No Update for November	↑
Wayne Community College students placed in related jobs or current job expanded	21	25		Green	Voluntary reporting from students	

<b>KEY:</b>	Green: Progress Being Made, On Target, No Significant Barriers
	Yellow: Moderate Progress, Behind Target, Barriers With Mitigation Strategy Identified & Implementing Corrective Action Successfully
	Red: No Progress, Significantly Behind Target, Barriers Without Mitigation Strategy, Unsuccessful Corrective Action

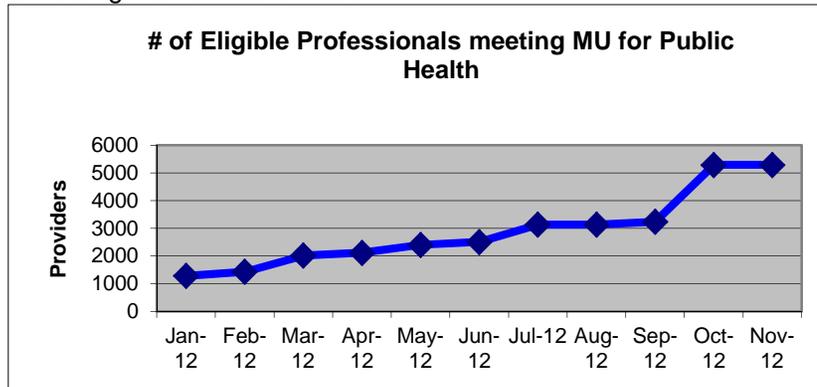
**references:**

- \* # of providers: [2009 MDCH Survey of Physicians - MDs & DOs only providing active care](#)
- \* # of hospitals: [Licensing and Regulatory Affairs - includes all acute care, CAH, LTC Hospitals](#)
- \* # of independent reference & hospital laboratories - CLIA 7,100 total labs in state **\*needs further work to refine #\***

## State of Michigan Health Information Exchange Data History

# of Eligible Professionals meeting MU for Public Health

Sep-11	413
Oct-11	422
Nov-11	480
Dec-11	537
Jan-12	1276
Feb-12	1424
Mar-12	2012
Apr-12	2109
May-12	2398
Jun-12	2502
Jul-12	3131
Aug-12	3131
Sep-12	3230
Oct-12	5287
Nov-12	5287
Dec-12	



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## MiHIN Monday Metrics (M3) Report

### MiHIN production metrics as of 10/1/2012:

	this week	last week
Production messages since May 8, 2012	195339	172367
immunizations	15883	10683
reportable labs	0	0
new messages since Sunday, Sep 23	22972	20593
immunizations	5200	3491
reportable labs	0	0
new sources this week	5	0

### MiHIN on-boarding summary:

	This Week	Last Week
sources in full Production*	18	13
sources sending live HL7 data to MCIR	23	18
sources in Test/Quality Assurance	176	177
sources Preparing to On-board	22	25
Qualified Orgs - signed QDSOA	7	7
Qualified Orgs - in MiHIN Production	3	2
Qualified Orgs - in MiHIN Testing	2	3
Qualified Orgs - pending QDSOA	0	0

### Production issues:

Messaging restart required Friday	no msgs lost
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### MiHIN weekly help desk summary:

known issues	1
Production errors	1
Qualified Organization support	1
on-boarding questions	1
junk/spam	4
total	8

### MiHIN security metrics:

	this week	last week
number of accepted incoming connections	36262	45352
number of denied incoming connection attempts	102381	102938
number of ICMP* attempts denied	182	135
most frequently attacked port	443**	443**

\* ICMP - e.g. Ping or Traceroute types of tests to access via unprotected ports

\*\* Port 443 (SSL) attacks are typically DOS - traffic in this case is below DOS threshold

### Public Health Reporting - Use Case Status:

Use Case	Next Action	Status
immunization reporting (VXQ)	5/8/2012	in production via MiHIN
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-PE</u>		
reportable labs (ELR)	5/8/2012	in production via MiHIN
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		
immunization query	10/15/2012	requirements review
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		
syndromics	10/17/2012	reviewing use case agreement
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		
state lab results	10/9/2012	requirements (review new scope)
UCA status: <u>GLHIE-NS</u> , <u>Ingenium-NS</u> , <u>JCMR-NS</u> , <u>MHC-NS</u> , <u>SEMHIE-NS</u> , <u>UPHIE-NS</u>		

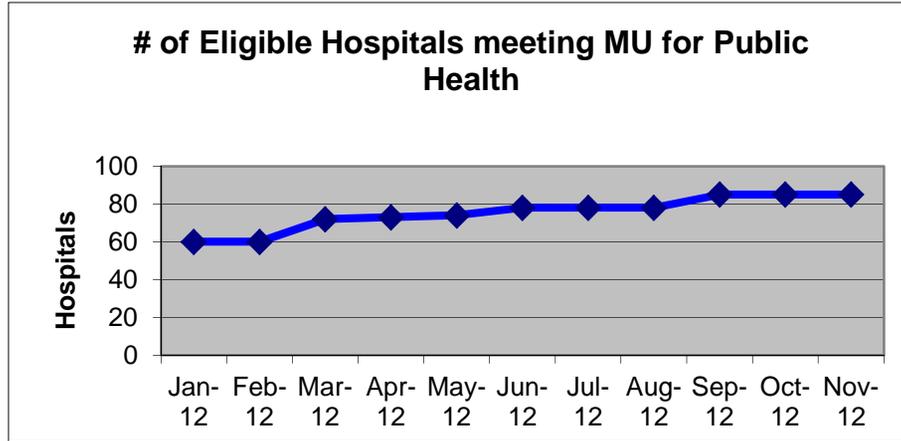
Use Case Agreement (UCA) status key:

NS=not signed, PR=pending review, PE=Partially executed, FE=fully executed

\*NOTE: Production is defined as a provider source using MiHIN to send messages through Qualified Organization to a Production Public Health System

### State of Michigan Health Information Exchange Data History

Sep-11	42
Oct-11	46
Nov-11	50
Dec-11	56
Jan-12	60
Feb-12	60
Mar-12	72
Apr-12	73
May-12	74
Jun-12	78
Jul-12	78
Aug-12	78
Sep-12	85
Oct-12	85
Nov-12	85
Dec-12	85

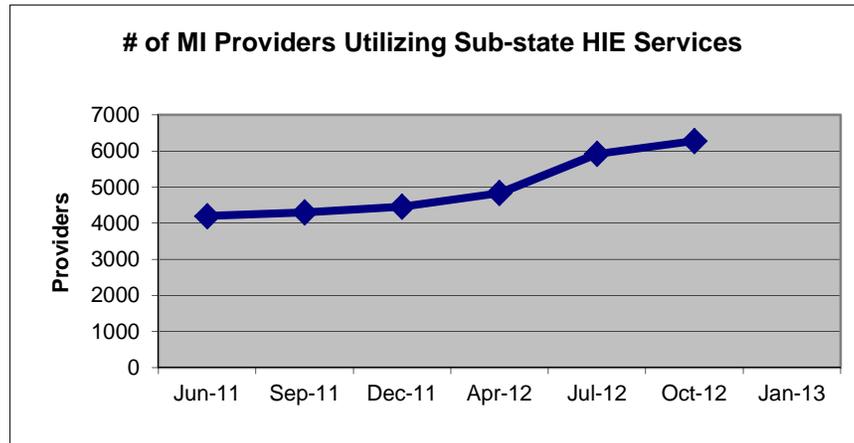


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## Sub-State HIEs Data History

# of MI providers utilizing sub-state HIEs services

Jun-11	4195
Sep-11	4295
Dec-11	4456
Apr-12	4832
Jul-12	5918
Oct-12	6277
Jan-13	

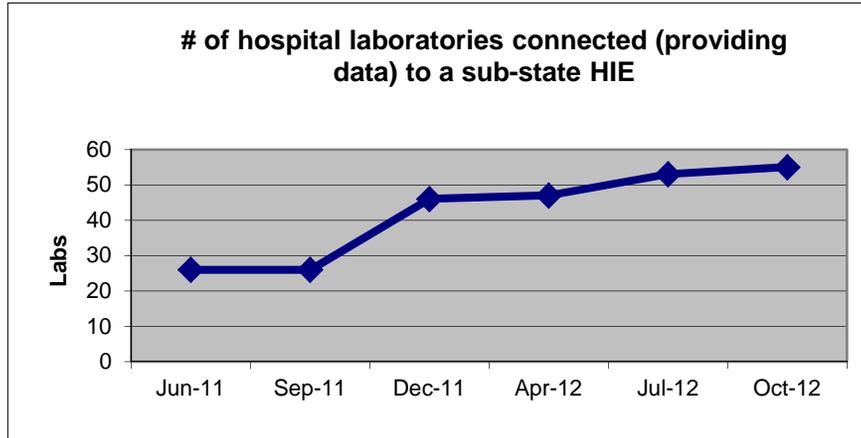


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## Sub-State HIEs Data History

# of hospital laboratories connected (providing data) to a sub-state HIE

Jun-11	26
Sep-11	26
Dec-11	46
Apr-12	47
Jul-12	53
Oct-12	55
Jan-13	

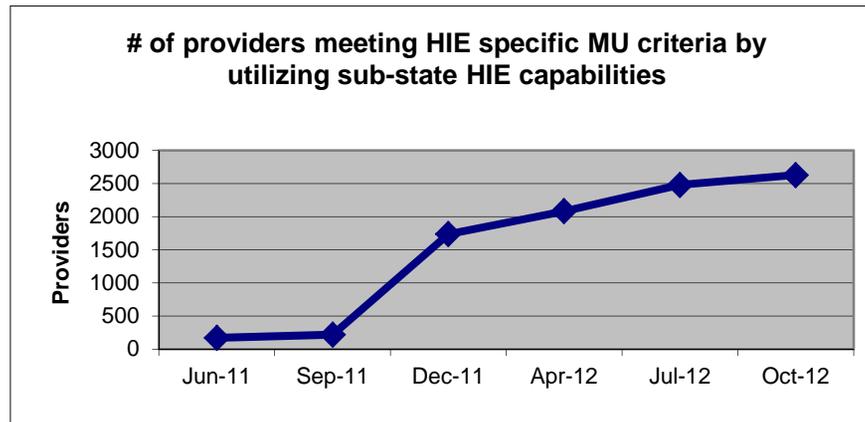


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## Sub-State HIEs Data History

# of providers meeting HIE specific MU criteria by utilizing sub-state HIE capabilities.

Jun-11	169
Sep-11	216
Dec-11	1737
Apr-12	2083
Jul-12	2479
Oct-12	2629
Jan-13	

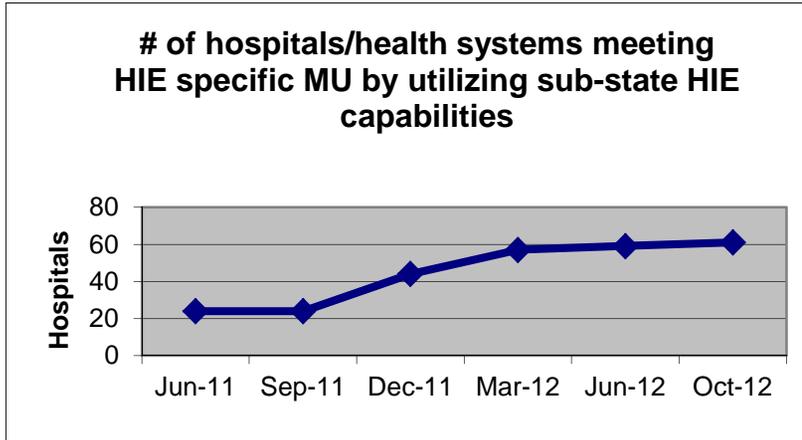


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### Sub-State HIEs Data History

# of hospitals/health systems meeting HIE specific MU by utilizing sub-state HIE capabilities

Jun-11	24
Sep-11	24
Dec-11	44
Mar-12	57
Jun-12	59
Oct-12	61
Dec-12	

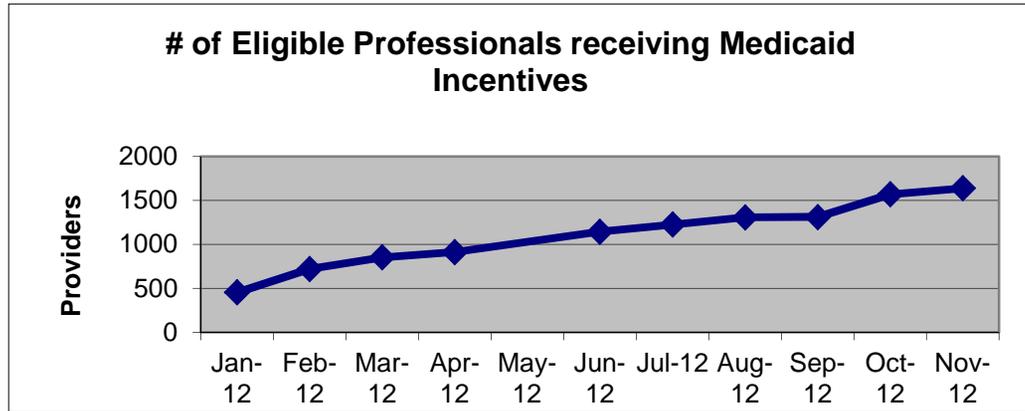


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### Medicaid Electronic Health Records Incentives Data History

# of Eligible Professionals receiving Medicaid Incentives

Sep-11	155
Oct-11	287
Dec-11	417
Jan-12	453
Feb-12	719
Mar-12	851
Apr-12	911
Jun-12	1,143
Jul-12	1,225
Aug-12	1,306
Sep-12	1,310
Oct-12	1,569
Nov-12	1,637
Dec-12	

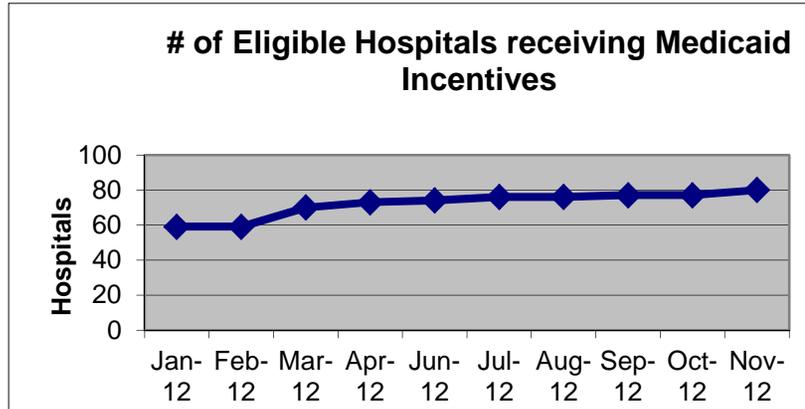


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## Medicaid Electronic Health Records Incentives Data History

# of Eligible Hospitals receiving Medicaid Incentives

Sep-11	5
Oct-11	13
Dec-11	54
Jan-12	59
Feb-12	59
Mar-12	70
Apr-12	73
Jun-12	74
Jul-12	76
Aug-12	76
Sep-12	77
Oct-12	77
Nov-12	80
Dec-12	

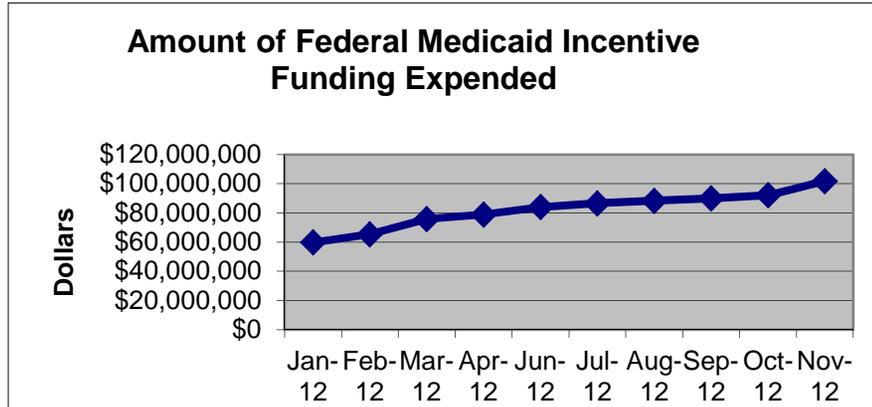


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## Medicaid Electronic Health Records Incentives Data History

Amount of Federal Medicaid Incentive Funding Expended

Sep-11	\$9,572,057
Oct-11	\$19,068,446
Dec-11	\$55,301,023
Jan-12	\$59,743,369
Feb-12	\$65,317,954
Mar-12	\$75,863,874
Apr-12	\$78,896,063
Jun-12	\$84,046,541
Jul-12	\$86,557,492
Aug-12	\$88,236,244
Sep-12	\$89,842,495
Oct-12	\$92,035,789
Nov-12	\$101,788,311
Dec-12	

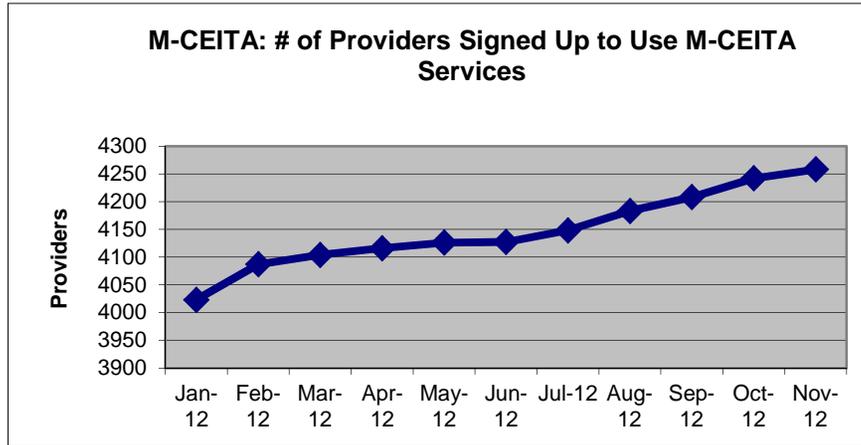


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## Michigan Center for Effective IT Adoption (M-CEITA) Data History

# of Providers Signed Up to Use M-CEITA Services

Sep-11	2,695
Oct-11	2,786
Dec-11	3,821
Jan-12	4,023
Feb-12	4,087
Mar-12	4,104
Apr-12	4,116
May-12	4,126
Jun-12	4,127
Jul-12	4,148
Aug-12	4,183
Sep-12	4,208
Oct-12	4,242
Nov-12	4,258
Dec-12	

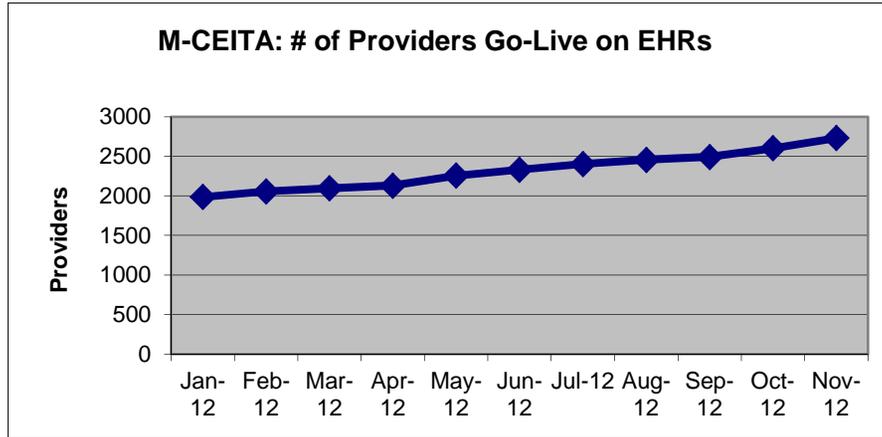


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## Michigan Center for Effective IT Adoption (M-CEITA) Data History

# of Providers Go-Live on EHRs

Sep-11	736
Oct-11	859
Dec-11	1,324
Jan-12	1985
Feb-12	2057
Mar-12	2094
Apr-12	2,129
May-12	2,256
Jun-12	2,330
Jul-12	2403
Aug-12	2,454
Sep-12	2,490
Oct-12	2,601
Nov-12	2,730
Dec-12	

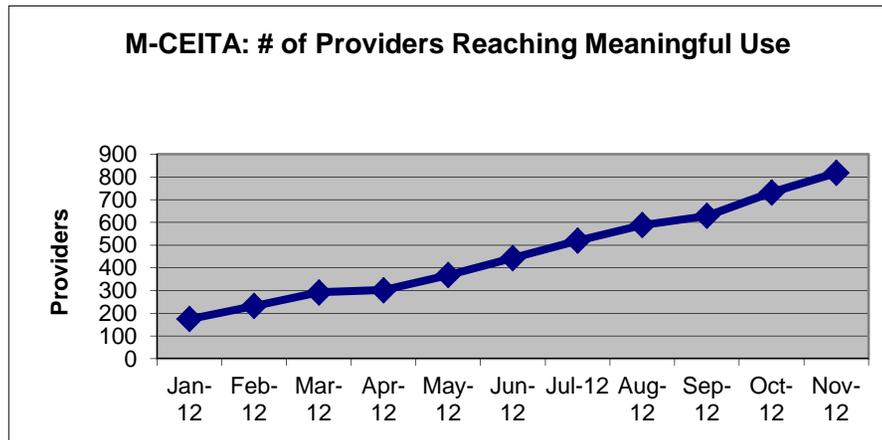


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## Michigan Center for Effective IT Adoption (M-CEITA) Data History

# of Providers Reaching Meaningful Use

Sep-11	5
Oct-11	12
Dec-11	84
Jan-12	175
Feb-12	232
Mar-12	292
Apr-12	302
May-12	368
Jun-12	443
Jul-12	520
Aug-12	588
Sep-12	629
Oct-12	732
Nov-12	818
Dec-12	



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